3/2/84
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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended March 2, 1984 NO. 9

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 03/02/84	Last Week Ending: 02/24/84	Last Year Week Ending: 03/04/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units *	12,281	12,407	11,098	-126	1,183
Operable capacity	16,309	16,309	16,814	0	-505
Percent operated	75.3	76.1	66.0		
Motor Gasoline					
Total motor gasoline production	6,235	6,333	5,897	-98	338
Finished leaded motor gasoline production	2,619	2,612	2,870	7	-251
Finished unleaded motor gasoline production	3,616	3,721	3,027	-105	589
Total motor gasoline stocks	235,579	236,308	253,477	-729	-17,898
Finished leaded motor gasoline stocks	96,841	96,339	104,871	502	-8,030
Finished unleaded motor gasoline stocks	97,284	97,433	100,566	-149	-3,282
Distillate Fuel Oil					
Distillate fuel oil production	2,548	2,822	2,109	-274	439
Distillate fuel oil stocks	129,750	131,107	148,766	-1,357	-19,016
Residual Fuel Oil					
Residual fuel oil production	1,096	1,001	866	95	230
Residual fuel oil stocks	52,482	50,453	54,652	2,029	-2,170
Imports					
Crude oil imports	2,737	3,338	2,097	-601	640
Product imports	2,232	2,598	2,071	-366	161
Crude Oil Stocks					
Crude oil stocks	337,538	335,860	359,470	1,678	-21,932

* Scheduled and unscheduled shutdowns caused a decrease of 202,000 bbl. per day in the Texas Gulf Coast District and an increase of 88,000 bbl. per day in the Louisiana Gulf Coast District.

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,087	967	1,013	1,229	82.4
Appal. No. 1	75	69	70	177	39.5
DISTRICT 1 TOTAL	1,162	1,036	1,083	1,406	77.0
Appal. No. 2	59	53	59	66	89.4
Ind., Ill., Ky.	1,922	1,842	1,874	2,345	79.9
Minn., Wis., Daks.	294	280	291	296	98.3
Okla., Kans., Mo.	635	538	546	827	66.0
DISTRICT 2 TOTAL	2,910	2,713	2,770	3,534	78.4
Inland Texas	558	518	542	585	92.6
Texas Gulf Coast	3,135	2,849	2,910	3,907	74.5
La. Gulf Coast	2,267	2,063	2,105	2,890	72.8
N. La. and Ark.	205	187	190	286	66.4
New Mexico	101	83	84	105	80.0
DISTRICT 3 TOTAL	6,266	5,700	5,831	7,773	75.0
DISTRICT 4 TOTAL	406	396	400	536	74.6
DISTRICT 5 TOTAL	2,293	2,170	2,197	3,060	71.8
TOTAL U.S.	13,037	12,015	12,281	16,309	75.3
TOTAL U.S.					
Weeks Ended:					
FEB. 24, 1984	13,274	12,163	12,407	16,309	76.1
MAR. 4, 1983	12,012	10,759	11,098	16,814	66.0
DISTRICTS 1-4					
Weeks Ended:					
MAR. 02, 1984	10,744	9,845	10,084	13,249	76.1
FEB. 24, 1984	10,921	10,062	10,271	13,249	77.5
MAR. 4, 1983	9,868	8,765	9,059	13,731	66.0

API WEEKLY STATISTICAL BULLETIN
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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	492	180	312	22	15	248	123
Appal. No. 1	29	14	15	1	--	15	5
DISTRICT 1 TOTAL	521	194	327	23	15	263	128
Appal. No. 2	34	15	19	3	--	13	3
Ind., Ill., Ky.	1,082	401	681	11	137	345	43
Minn., Wis., Daks.	152	69	83	3	23	58	9
Okla., Kans., Mo.	357	218	139	10	13	154	9
DISTRICT 2 TOTAL	1,625	703	922	27	173	570	64
Inland Texas	305	149	156	29	32	109	19
Texas Gulf Coast	1,444	587	857	41	189	675	343
La. Gulf Coast	1,089	428	661	17	237	377	92
N. La. and Ark.	62	27	35	6	--	60	9
New Mexico	46	25	21	12	1	28	2
DISTRICT 3 TOTAL	2,946	1,216	1,730	105	459	1,249	465
DISTRICT 4 TOTAL	197	114	83	12	19	105	7
DISTRICT 5 TOTAL	946	392	554	34	234	361	432
TOTAL U.S.	6,235	2,619	3,616	201	900	2,548	1,096
TOTAL U.S. Weeks Ended:							
FEB. 24, 1984	6,333	2,612	3,721	223	929	2,822	1,001
MAR. 4, 1983	5,897	2,870	3,027	191	801	2,109	866
DISTRICTS 1-4 Weeks Ended:							
MAR. 02, 1984	5,289	2,227	3,062	167	666	2,187	664
FEB. 24, 1984	5,413	2,178	3,235	146	706	2,458	638
MAR. 4, 1983	4,931	2,410	2,521	140	590	1,799	580

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended March 2, 1984

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	6,225	2,988	3,237	--	146	505	7,405	3,400	--
Central Atlantic	32,023x	13,398x	14,729	3,896	396	4,698	30,394x	19,648x	11,739
Lower Atlantic	26,836	13,059	13,407	370	304	3,129	13,775	3,529x	512
DISTRICT 1 TOTAL	65,084x	29,445x	31,373	4,266	846	8,332	51,574x	26,577x	12,251
DISTRICT 2 TOTAL	67,618	30,060	28,807	8,751	1,193	8,195	37,555x	4,120	16,235
DISTRICT 3 TOTAL	65,611x	24,098x	24,022	17,491	2,490	10,268	27,077x	12,741x	48,607
DISTRICT 4 TOTAL	8,669	3,958	2,399	2,312	270	557	3,273	348	2,572
DISTRICT 5 TOTAL	28,597	9,280	10,683	8,634	1,443	5,827	10,271	8,696	25,972
TOTAL U.S.	235,579	96,841	97,284	41,454	6,242	33,179	129,750	52,482	105,637
TOTAL U.S.									
Weeks Ended:									
FEB. 24, 1984	236,308x	96,339x	97,433	42,536	6,184	32,791	131,107x	50,453x	104,868
MAR. 4, 1983	253,477	104,871	100,566	48,040	7,293	34,644	148,766	54,652	108,515
DISTRICTS 1-4									
Weeks Ended:									
MAR. 02, 1984	206,982	87,561	86,601	32,820	4,799	27,352	119,479	43,786	79,665
FEB. 24, 1984	206,202x	85,990x	86,482	33,727	4,566	27,121	120,852x	41,248x	78,892
MAR. 4, 1983	222,077	93,307	89,919	38,851	5,357	28,689	135,609	45,023	80,189

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components

[2]Includes Grade No. 4 fuel oil

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended March 2, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy Oct. 1983	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
MAR. 02, 1984	5,800.3	5,876.0	2,637	154	252,283
FEB. 24, 1984	5,800.3	--	3,131	249	255,300
FEB. 17, 1984	5,800.3	--	3,238	190	255,934
FEB. 10, 1984	5,800.3	--	2,675	272	254,317
DISTRICT 5 TOTAL					
MAR. 02, 1984	2,864.0	2,853.0	100	--	85,255 ♦
FEB. 24, 1984	2,864.0	--	207	25	80,560
FEB. 17, 1984	2,864.0	--	225	--	85,277
FEB. 10, 1984	2,864.0	--	197	22	84,363
TOTAL U.S.					
MAR. 02, 1984	8,664.3	8,729.0	2,737	154	337,538 ♦
FEB. 24, 1984	8,664.3	--	3,338	274	335,860
FEB. 17, 1984	8,664.3	--	3,463	190	341,211
FEB. 10, 1984	8,664.3	--	2,872	294	338,680
MAR. 4, 1983	8,741.0/a	--	2,097	241	359,470

♦INCLUDES 29,737 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/a DOE actual for February 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
MAR. 02, 1984	15,094	74,666	147,728	14,795	252,283	85,255 ♦	337,538 ♦
FEB. 24, 1984	15,213	73,800	152,566	13,721	255,300	80,560	335,860
MAR. 4, 1983	15,695	81,727	160,271	16,208	273,901	85,569	359,470

[1]See definitional notes, Page 6

API WEEKLY STATISTICAL BULLETIN
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IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	196	--	--	--	196
Central Atlantic	226x	41x	185	--	61	330x	536	8	107	83	1,351x
Lower Atlantic	--	--	--	--	--	58	23	--	--	--	81
DISTRICT 1 TOTAL											
MAR. 02, 1984	226	41	185	--	61	388	755	8	107	83	1,628
FEB. 24, 1984	361x	102x	259	39	66	536x	857	11	37	121	2,028x
FEB. 17, 1984	215	19	196	--	43	414	874	19	42	41	1,648
FEB. 10, 1984	90	4	86	--	123	288	1,250	18	50	30	1,849
DISTRICTS 2-4 TOTAL											
MAR. 02, 1984	20	2	18	--	--	20	60	155	272	12	539
FEB. 24, 1984	41	23	18	--	--	20	60	195	127	57	500
FEB. 17, 1984	10	--	10	--	--	15	114	166	95	61	461
FEB. 10, 1984	11	2	9	--	--	11	57	181	143	132	535
DISTRICT 5 TOTAL											
MAR. 02, 1984	10	3	7	--	5	8	18	14	--	10	65
FEB. 24, 1984	9	2	7	--	4	8	17	20	--	12	70
FEB. 17, 1984	5	1	4	--	3	7	16	20	--	29	80
FEB. 10, 1984	9	2	7	--	2	5	15	21	--	6	58
TOTAL U.S.	256	46	210	--	66	416	833	177	379	105	2,232
TOTAL U.S. Weeks Ended:											
FEB. 24, 1984	411x	127x	284	39	70	564x	934	226	164	190	2,598x
FEB. 17, 1984	230	20	210	--	46	436	1,004	205	137	131	2,189
FEB. 10, 1984	110	8	102	--	125	304	1,322	220	193	168	2,442
MAR. 4, 1983	193	95	98	3	16	108	1,213	302	160	76	2,071

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional note 1, Page 6.

* See revisions on page 7.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

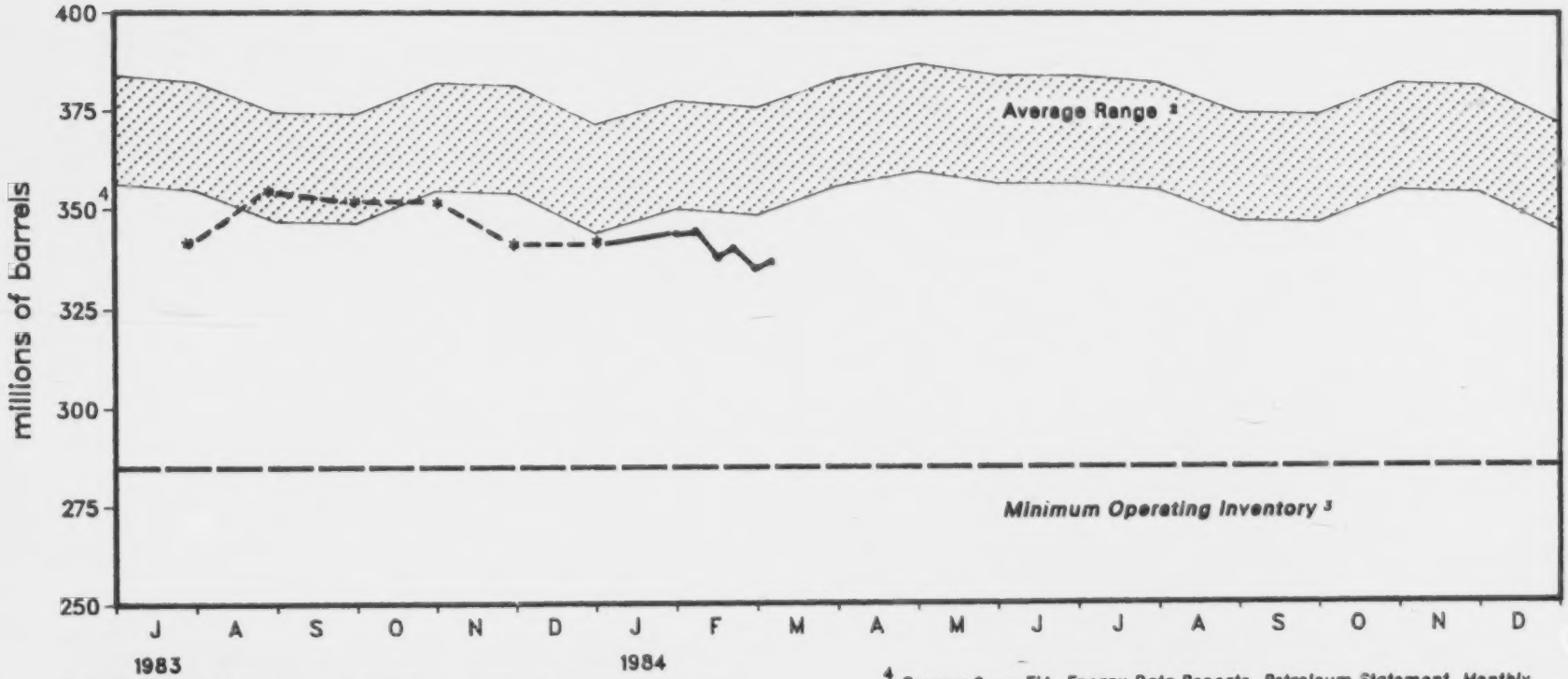
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

02/24/84	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	32,642
			DISTRICT 1 TOTAL	65,764
			DISTRICT 3 TOTAL	66,065
			TOTAL U.S.	236,308
			DISTRICTS 1-4	206,202
		LEADED MGAS	CENTRAL ATLANTIC	13,304
			DISTRICT 1 TOTAL	29,815
			DISTRICT 3 TOTAL	23,269
			TOTAL U.S.	96,339
			DISTRICTS 1-4	85,993
		DISTILLATE FUEL	CENTRAL ATLANTIC	31,157
			DISTRICT 1 TOTAL	51,703
			DISTRICT 2 TOTAL	37,986
			DISTRICT 3 TOTAL	28,158
			TOTAL U.S.	131,107
			DISTRICTS 1-4	120,852
		RESIDUAL FUEL	CENTRAL ATLANTIC	19,245
			LOWER ATLANTIC	2,974
			DISTRICT 1 TOTAL	24,541
			DISTRICT 3 TOTAL	12,133
			TOTAL U.S.	50,453
			DISTRICTS 1-4	41,248
	PAGE 5	TOTAL MGAS	CENTRAL ATLANTIC	228
			DISTRICT 1 TOTAL	361
			TOTAL U.S.	411
		LEADED MGAS	CENTRAL ATLANTIC	80
			DISTRICT 1 TOTAL	102
			TOTAL U.S.	127
		DISTILLATE (INC. NO. 4)	CENTRAL ATLANTIC	426
			DISTRICT 1 TOTAL	536
			TOTAL U.S.	564
		TOTAL	CENTRAL ATLANTIC	1,556
			DISTRICT 1 TOTAL	2,028
			TOTAL U.S.	2,598

March 2, 1984

Crude Oil Stocks at Primary Level [1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 - June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 - December 1982.

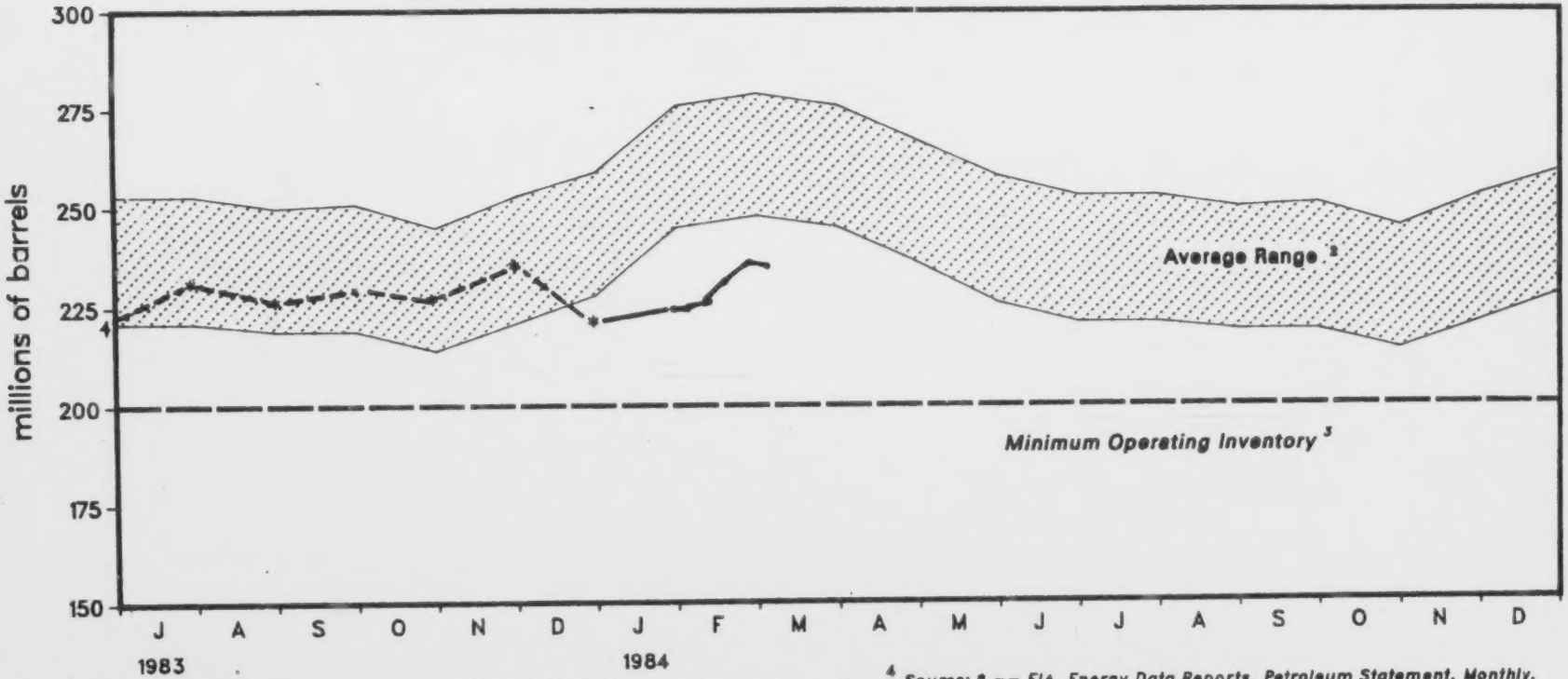
[3] The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.

[4] Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
• -- API, Weekly Statistical Bulletin.

[5] The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

March 2, 1984

Motor Gasoline Stocks at Primary Level [1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.

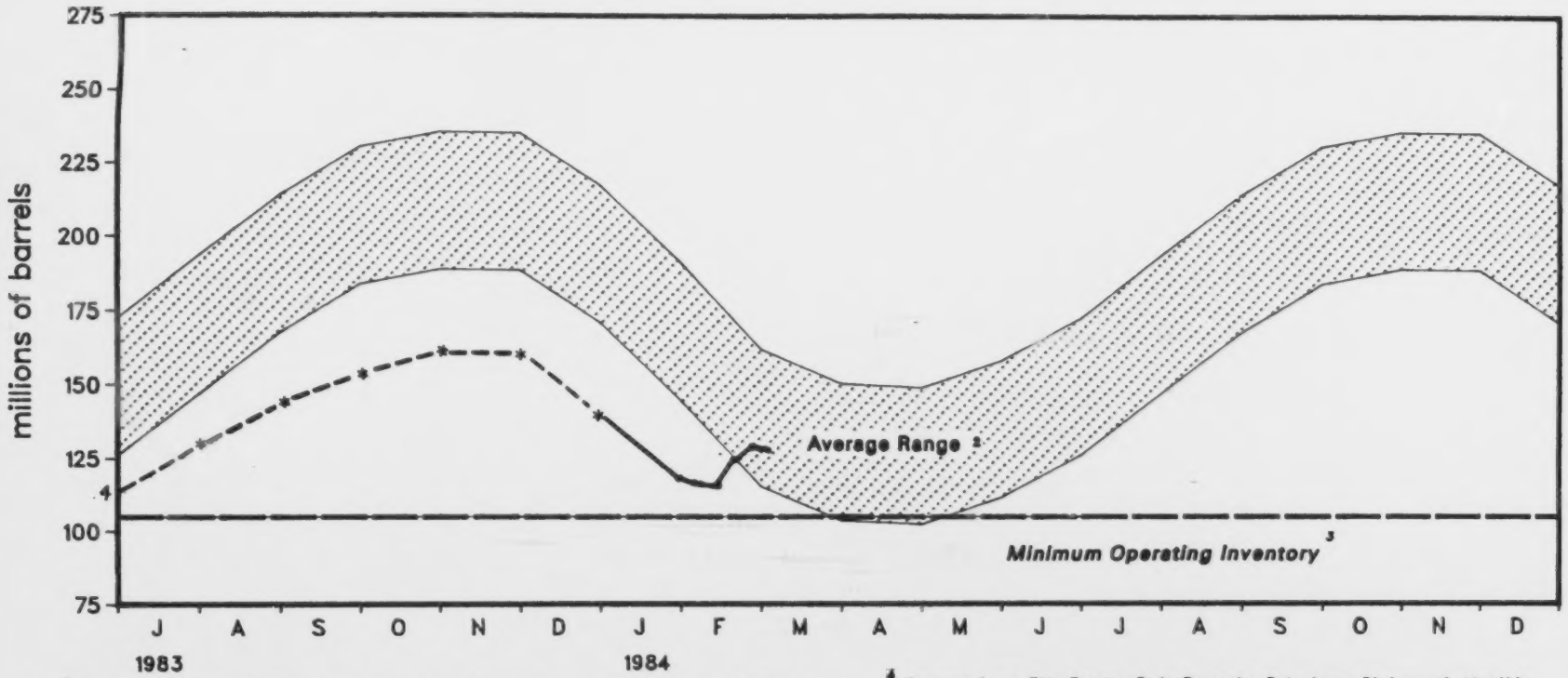
[3] The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.

[4] Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
* -- API, Weekly Statistical Bulletin.

[5] The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

March 2, 1984

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: • –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• –– API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*